B1 cont.

range from 130 to 450 nm and an acid component present in a range from 1 to 10 wt.% of the polymer.

Please cancel Claim 2 without prejudice.

B2

4. (Amended) The binder of Claim 1 wherein the acid component is selected from the group consisting of acrylic acid, methacrylic acid, itaconic acid, maleic acids, vinylsulfonic acid, and acid derived from methacrylic anhydride, maleic anhydride, sodium vinylsulfonate, acrylamidopropane sulfonate, and combinations thereof.

B3 Sub. C

8. (Amended) An ink binder comprising a polymer consisting essentially of:

(a) one or more monomers selected from the group consisting of acrylates, methacrylates, styrene, substituted stryene, fluoromethacrylates, vinyl acrylates, vinyl acetates, acrylamides, substituted acrylamides, methacrylamides, substituted methacrylamides, and

(b) an acid component selected from the group consisting of acrylic acid, methacrylic acid, itaconic acid, maleic acids, vinylsulfonic acid, and acid derived from methacrylic anhydride, maleic anhydride, sodium vinylsulfonate, acrylamidopropane sulfonate, and combinations thereof, wherein the acid component is present in a range from 1 to 3 wt.% of the polymer;

wherein the polymer has a glass transition temperature in the range from -20°C to 25°C, a particle size distribution such that essentially all the particles have a diameter in the range from 130 to 450 nm and an average particle diameter in the range from 250 to 400 nm.

Please cancel Claim 10 without prejudice.

REMARKS

Applicant has amended the claims, canceling Claims 2 and 10 and incorporating them into Claims 1 and 8 respectively. Claim 4 has been amended. No new matter has been added.